

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C07D413/04 A61K31/454 A61P25/18

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 402 644 A (HOECHST-ROUSSEL PHARMACEUTICALS INCORPORATED) 19 December 1990 (1990-12-19) page 5, line 35 - line 39; claims 1,4; examples 3,9  ----- -/--	1-8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

24 February 2005

Date of mailing of the international search report

03/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Härtinger, S

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>STRUPCZEWSKI J T ET AL:  "3-(ARYLOXY)ALKYLPIPERIDINYL-1,2-BENZISOXA  ZOLES AS D2/5-HT2 ANTAGONISTS WITH  POTENTIAL ATYPICAL ANTIPSYCHOTIC ACTIVITY:  ANTIPSYCHOTIC PROFILE OF ILOPERIDONE (HP  873)"  JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN  CHEMICAL SOCIETY, WASHINGTON, US,  vol. 38, no. 7, 1995, pages 1119-1131,  XP000941571  ISSN: 0022-2623  page 1122, right-hand column; tables 3,4  page 1123, right-hand column, last  paragraph - page 1124, left-hand column,  paragraph 1  page 1126, left-hand column, paragraph 2;  table 4</p>	1-8
Y	<p>KELLEHER J P ET AL: "ADVANCES IN ATYPICAL  ANTIPSYCHOTICS FOR THE TREATMENT OF  SCHIZOPHRENIA NEW FORMULATIONS AND NEW  AGENTS"  CNS DRUGS, ADIS INTERNATIONAL, AUCKLAND,  NZ,  vol. 16, no. 4, 2000, pages 249-261,  XP001079584  ISSN: 1172-7047  page 252, right-hand column, line 24 -  line 31  page 258, right-hand column, paragraph 2 -  page 259, left-hand column, paragraph 3</p>	1-8
X	<p>WO 98/07938 A (MUL-T-LOCK TECHNOLOGIES  LTD; MARKBREIT, DANI)  26 February 1998 (1998-02-26)</p>	1
A	<p>page 1, paragraph 2; claims 1,6,10,29  page 2, last paragraph - page 3, paragraph  1</p>	2-8
X	<p>US 6 258 836 B1 (SHASHOUA VICTOR E)  10 July 2001 (2001-07-10)</p>	1
A	<p>column 19, line 42 - line 44; claims  1,5,19-21,40-53  column 1, line 45 - column 2, line 7</p>	2-8

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010938

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0402644	A	19-12-1990	AT 126512 T	15-09-1995
			AU 640653 B2	02-09-1993
			AU 5577090 A	22-11-1990
			CA 2017193 A1	19-11-1990
			CA 2284569 A1	19-11-1990
			CN 1305812 A	01-08-2001
			CN 1048037 A ,C	26-12-1990
			CZ 9002425 A3	12-03-1997
			DE 69021645 D1	21-09-1995
			DE 69021645 T2	22-02-1996
			DK 402644 T3	02-01-1996
			EP 0402644 A1	19-12-1990
			ES 2076253 T3	01-11-1995
			FI 104072 B1	15-11-1999
			FI 991869 A	02-09-1999
			GR 3017447 T3	31-12-1995
			HK 1006710 A1	12-03-1999
			HU 58720 A2	30-03-1992
			HU 9500576 A3	28-12-1995
			IE 68431 B1	12-06-1996
			IL 94425 A	27-02-1994
			JP 1931594 C	12-05-1995
			JP 3063263 A	19-03-1991
			JP 6062580 B	17-08-1994
			KR 157308 B1	16-11-1998
			NO 902214 A ,B,	20-11-1990
			NZ 233710 A	26-05-1992
			PH 30431 A	09-05-1997
			PL 285247 A1	11-02-1991
			PT 94084 A ,B	08-01-1991
			RU 2147583 C1	20-04-2000
			SK 242590 A3	04-11-1998
			RU 2062776 C1	27-06-1996
			US RE37029 E1	23-01-2001
			US RE37478 E1	18-12-2001
			US RE37729 E1	04-06-2002
			US 5658911 A	19-08-1997
			US 5776963 A	07-07-1998
			US 5550130 A	27-08-1996
			US 5629326 A	13-05-1997
			US 5977140 A	02-11-1999
			US 5977113 A	02-11-1999
			US 5552414 A	03-09-1996
			US 5612342 A	18-03-1997
			US 6001834 A	14-12-1999
			US 5559117 A	24-09-1996
			US 5574032 A	12-11-1996
			US 5648363 A	15-07-1997
			US 5624927 A	29-04-1997
			US 5607945 A	04-03-1997
WO 9807938	A	26-02-1998	IL 119095 A	01-06-2000
			AU 3706397 A	06-03-1998
			EP 0928358 A1	14-07-1999
			WO 9807938 A1	26-02-1998
			PL 334839 A1	27-03-2000
US 6258836	B1	10-07-2001	US 5994392 A	30-11-1999

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010938

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6258836	B 1	US 4933324 A	12-06-1990
		US 4939174 A	03-07-1990
		US 2003050226 A1	13-03-2003
		US 2001056116 A1	27-12-2001
		US 6107499 A	22-08-2000
		US 5284876 A	08-02-1994
		CA 1340475 C	30-03-1999
		AT 176152 T	15-02-1999
		AU 635203 B2	18-03-1993
		AU 3354689 A	22-09-1989
		DE 68928920 D1	11-03-1999
		DE 68928920 T2	22-07-1999
		DK 526189 A	12-12-1989
		EP 0401301 A1	12-12-1990
		JP 2959784 B2	06-10-1999
		JP 3503893 T	29-08-1991
		KR 228456 B1	01-11-1999
		NO 894245 A	22-12-1989
		WO 8907938 A1	08-09-1989